

CaV2.2 Rabbit Polyclonal Antibody(A205)

Catalog TDY511C TDY511F

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Quantity 50μL 100μL

Entrez-Gene ID# 774, Swiss-Prot Acc.#Q00975

For research use only.

Applications	Species Cross-Reactivity	Molecular Weight	Isotype
IHC	H,R,M	~263KD	IgG

Storage Buffer & Condition: Antigen Affinity Purified IgG in PBS, pH 7.4, containing 0.02% **sodium azide** as Preservative and 50% Glycerol.

Store at **-20°C. Do not aliquot the antibody.**

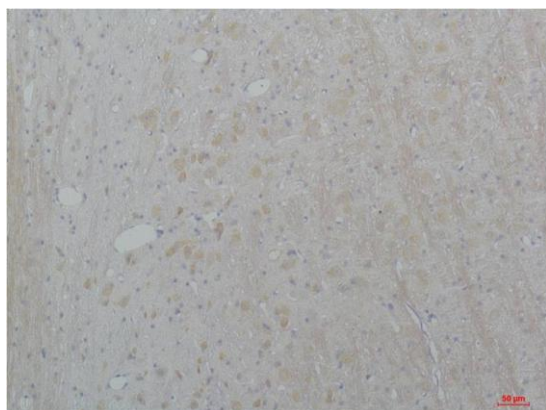
Recommended dilutions: IHC: 1:100-200

Optimal dilutions should be determined by the end user.

Specificity: Antibody can detects endogenous CaV2.2 protein.

Alternative Names: CACNA1B(N Type), BIII, Brain calcium channel III, CACH5, CACNL1A5

Background: Voltage-gated Ca^{2+} channels (Ca_v), enable the passage of Ca^{2+} ions in a voltage dependent manner. These heteromeric entities are formed in part by the pore-forming $\alpha 1$ subunit which determines the biophysical and pharmacological properties of the channel.



Immunohistochemical analysis of paraffin-embedded Rat Brain Tissue using Cav2.2 (TDY511) Rabbit pAb diluted at 1:200.



Immunohistochemical analysis of paraffin-embedded Mouse Brain Tissue using Cav2.2 (TDY511) Rabbit pAb diluted at 1:200.